

CLAIMS

1. A production process of a foam sheet comprising: a step in which a foamable composition, containing an acid generator that generates an acid or a base generator that generates a base due to an action of an active energy beam, and containing a compound that has a decomposing foamable functional group that decomposes and eliminates one or more types of low boiling point volatile substances by reacting with the acid or base, is formed into the shape of a sheet; and a step in which the sheet is subsequently irradiated with an active energy beam.

2. A production process of a foam sheet according to claim 1, further comprising a heating and foaming step.

3. A production process of a foam sheet according to claim 1, wherein a foamable composition, containing an acid generator that generates an acid or a base generator that generates a base due to an action of an active energy beam, and containing a compound that has a decomposing foamable functional group that decomposes and eliminates one or more types of low boiling point volatile substances by reacting with the acid or base, is formed into the shape of a sheet, and the foamable composition formed into the shape of a sheet is foamed by heating as necessary and

then irradiating with an active energy beam.

4. A production process of a foam sheet according to claim 1, wherein the step in which the foamable composition is formed into the shape of a sheet is an extrusion forming step.

5. A foam sheet formed according to any one of the processes according to claim 1 to 4 having a thickness of 1 μm to 10 mm, and a mean cell diameter of 0.005 to 10 μm .